FIG. 1

100

Client Workstation 110

Web Browser 112

Input (HTML, URL) 150

Output (HTML, MIME) 152

Web Server 120

Web Server Application 122

Web Server Output Data 160

① ⑥

114

② ⑤

116

Remote Computer System 130

Internet/Application Gateway 132

Merchant/Institution Computer Network Infrastructure 125

③ ④
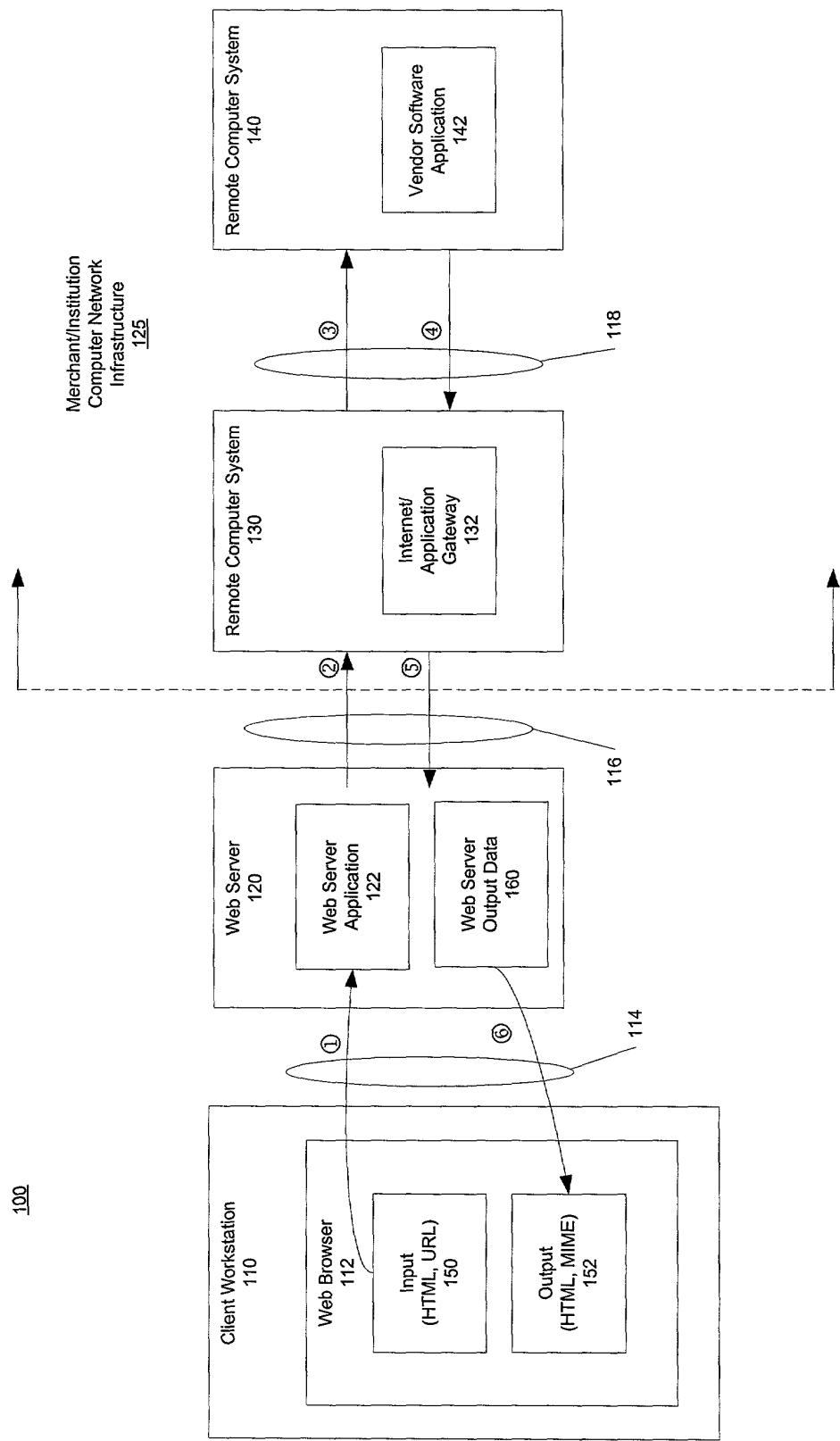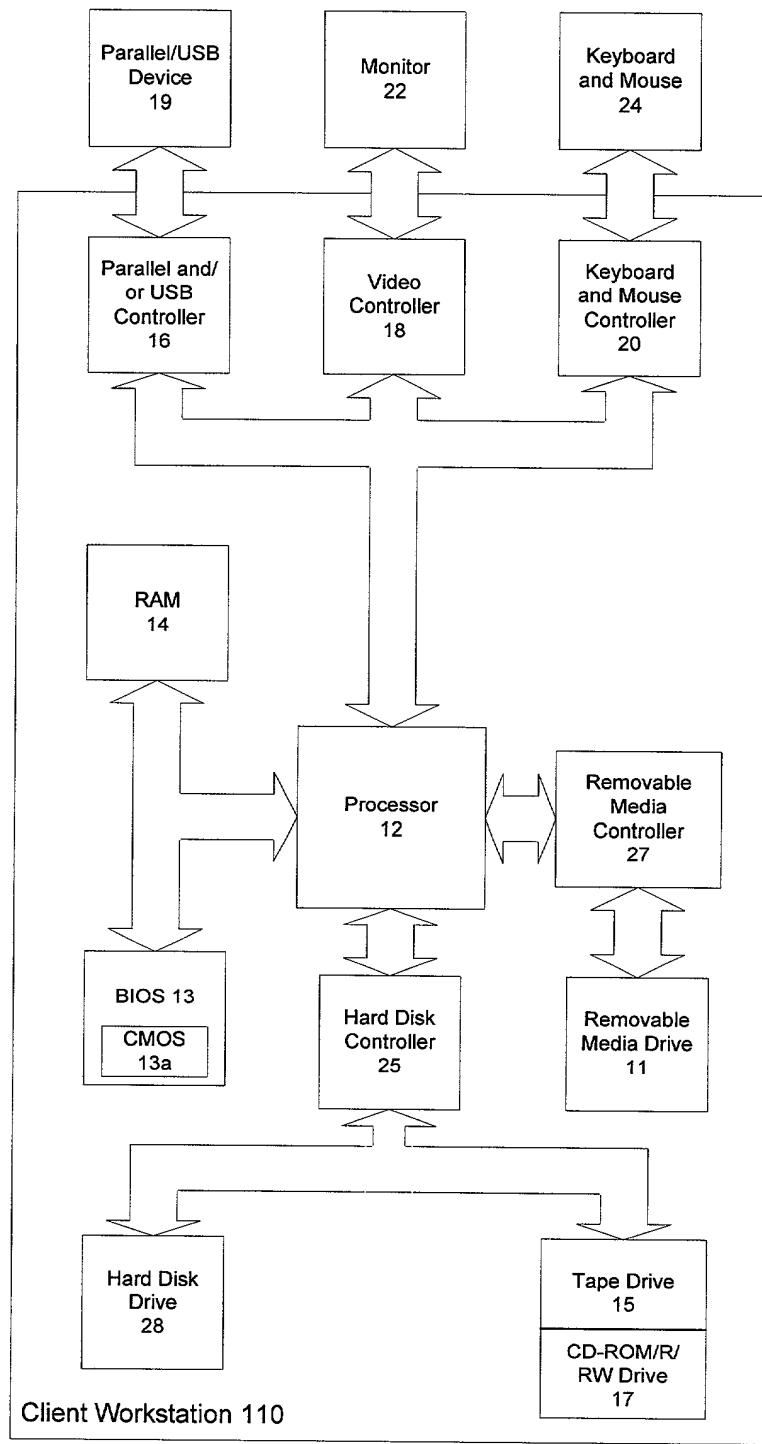
118

Remote Computer System 140

Vendor Software Application 142

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Title: METHOD FOR PREVENTING
INADVERTENT DATA ENTRY IN A WEB PAGE
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FIG. 2

Parallel/USB Device 19

Monitor 22

Keyboard and Mouse 24

Parallel and/or USB Controller 16

Video Controller 18

Keyboard and Mouse Controller 20

RAM 14

Processor 12

Removable Media Controller 27

BIOS 13

CMOS 13a

Hard Disk Controller 25

Removable Media Drive 11

Hard Disk Drive 28

Tape Drive 15

CD-ROM/R/ RW Drive 17

Client Workstation 110

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FIG. 3A

```
<!-- ------------------------------------------------------------------------ -->
<!-- membrane.html -->
<!-- ------------------------------------------------------------------------ -->
<html>
<head>
<title>Membrane Test</title>
<style>
#membrane { position: absolute;
  top: 0px;
  left: 0px;
  width: 800px;
  height: 1000px;
  visibility: hidden;
  z-index: 99;
  }
#mainBody { position: absolute;
  top: 100px;
  left: 0px;
  width: 800px;
  visibility: visible;
  z-index: 1;
  }
</style>
<script language="JavaScript">
function showMembrane()
{
        if (document.getElementById)  //ie 5 and ns 6
        {
                document.getElementById("membrane").style.visibility="visible";
        }
        else if (document.all)  //ie 4
        {
                document.all.membrane.style.visibility="visible";
        }
        else  if (document.layers)// ns 4
        {
                document.membrane.visibility="visible";
        }
}
function submitIt()
{
        showMembrane();
        window.alert('membrane established');
        //submit commented out to test membrane
        //document.membrane.submit();
}
```